

Project Planning Phase

Sprint Delivery Plan

Date	21 October 2022
Team ID	PNT2022TMID00152
Project Name	Containment Zone Alerting Application
Maximum Marks	4 Marks

Project Tracker:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	19 Nov 2022	20	19 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	19 Nov 2022	20	19 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity:

we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Sprint Duration = 6 days
Velocity of the team = 20 points

$$\text{Average Velocity (AV)} = \frac{\text{Velocity}}{\text{Sprint duration}}$$

$$\begin{aligned} \text{AV} &= 20/6 \\ &= 3.34 \end{aligned}$$

$$\text{Average Velocity} = 3.34$$

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

